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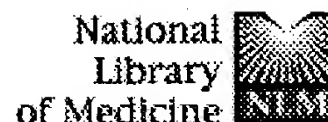
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
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

















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
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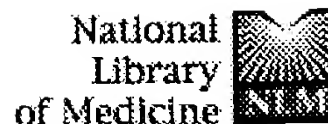
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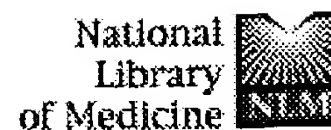
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
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




















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









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















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















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
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
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
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
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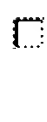
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



















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
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
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




















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





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


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
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
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
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


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


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
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
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
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
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
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
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
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
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
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
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
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
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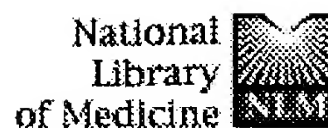
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
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
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
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
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
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
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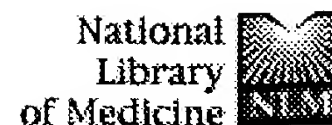
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
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
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
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
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
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







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
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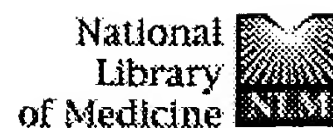
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=> s GPCR OR g-protein coupled receptor

11 FILES SEARCHED...

22 FILES SEARCHED...

30 FILES SEARCHED...

46 FILES SEARCHED...

60 FILES SEARCHED...

L1 151781 GPCR OR G-PROTEIN COUPLED RECEPTOR

=> s cyclase OR phsophodiesterase

43 FILES SEARCHED...  
L2 335153 CYCLASE OR PHSOPHODIESTERASE

=> S L1 AND L2  
49 FILES SEARCHED...  
L3 9823 L1 AND L2

=> S L3 AND light  
46 FILES SEARCHED...  
L4 1777 L3 AND LIGHT

=> S L4 AND polar?  
37 FILES SEARCHED...  
L5 857 L4 AND POLAR?

=> DUP REM L5  
DUPLICATE IS NOT AVAILABLE IN 'ADISINSIGHT, ADISNEWS, BIOCOMMERCE, DGENE, DRUGMONOG2, IMSRESEARCH, FEDRIP, FOREGE, GENBANK, IMSPRODUCT, KOSMET, MEDICONF, NUTRACEUT, PCTGEN, PHAR, PHARMAML, PROUSDDR, RDISCLOSURE, SYNTHLINE'.  
ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE  
PROCESSING IS APPROXIMATELY 99% COMPLETE FOR L5  
PROCESSING COMPLETED FOR L5  
L6 823 DUP REM L5 (34 DUPLICATES REMOVED)

=> S L6 AND PY<=1999  
'1999' NOT A VALID FIELD CODE  
6 FILES SEARCHED...  
9 FILES SEARCHED...  
13 FILES SEARCHED...  
17 FILES SEARCHED...  
'1999' NOT A VALID FIELD CODE  
29 FILES SEARCHED...  
'1999' NOT A VALID FIELD CODE  
'1999' NOT A VALID FIELD CODE  
40 FILES SEARCHED...  
'1999' NOT A VALID FIELD CODE  
44 FILES SEARCHED...  
49 FILES SEARCHED...  
'1999' NOT A VALID FIELD CODE  
'1999' NOT A VALID FIELD CODE  
57 FILES SEARCHED...  
60 FILES SEARCHED...  
61 FILES SEARCHED...  
65 FILES SEARCHED...  
L7 58 L6 AND PY<=1999

=> D L7 1-58

L7 ANSWER 1 OF 58 BIOTECHNO COPYRIGHT 2004 Elsevier Science B.V. on STN  
AN 1998:28471665 BIOTECHNO  
TI Molecular basis of V2 vasopressin receptor/G(s) coupling selectivity  
AU Erlenbach I.; Wess J.  
CS J. Wess, Laboratory of Bioorganic Chemistry, NIDDK, National Institutes of Health, Bethesda, MD 20892, United States.  
E-mail: jwess@helix.nih.gov  
SO Journal of Biological Chemistry, \*\*\* (09 OCT 1998)\*\*\* , 273/41  
(26549-26558), 42 reference(s)  
CODEN: JBCHA3 ISSN: 0021-9258  
DT Journal; Article  
CY United States  
LA English  
SL English

L7 ANSWER 2 OF 58 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1995:263288 CAPLUS  
DN 122:24562  
TI Hormonal regulation of MAP kinase in cultured rat inner medullary collecting tubule cells  
AU Heasley, Lynn E.; Senkfor, Stuart I.; Winitz, Sim; Strasheim, Alexis; Teitelbaum, Isaac; Berl, Tomas  
CS Dep. Med., Univ. Colorado Health Sci. Cent., Denver, CO, 80262, USA  
SO American Journal of Physiology ( \*\*\*1994\*\*\* ), 267(3, Pt. 2), F366-F373  
CODEN: AJPHAP; ISSN: 0002-9513  
PB American Physiological Society  
DT Journal  
LA English

L7 ANSWER 3 OF 58 CEN COPYRIGHT 2004 ACS on STN  
AN 92:2444 CEN  
TI Using the Principles of Organic Chemistry to Explore Cell Biology  
AU Schreiber, Stuart L.  
CS Harvard University  
SO Chemical & Engineering News, ( \*\*\*26 Oct 1992\*\*\* ) Vol. 70, No. 43, pp.  
22.  
CODEN: CENEAR, ISSN: 0009-2347.  
PB American Chemical Society  
LA English  
WC 5275

L7 ANSWER 4 OF 58 USPATFULL on STN  
AN 2004:103678 USPATFULL  
TI System for cell-based screening  
IN Dunlay, R. Terry, New Kensington, PA, United States  
Taylor, D. Lansing, Pittsburgh, PA, United States  
Gough, Albert H., Glenshaw, PA, United States  
Giuliano, Kenneth A., Pittsburgh, PA, United States  
PA Cellomics, Inc., Pittsburgh, PA, United States (U.S. corporation)  
PI US 6727071 B1 20040427  
WO 9838490 19980903 <--  
AI US 1999-380259 19991208 (9)  
WO 1998-US3701 19980227  
RLI Continuation-in-part of Ser. No. US 1997-810983, filed on 27 Feb 1997,  
now patented, Pat. No. US 5989835  
PRAI US 1997-69329P 19971211 (60)  
US 1997-69249P 19971211 (60)  
DT Utility  
FS GRANTED  
LN.CNT 3071  
INCL INCLM: 435/007.210  
INCLS: 435/007.200; 435/004.000; 435/006.000; 435/007.100; 435/007.500;  
435/288.400; 435/377.000; 435/375.000; 436/010.000; 436/017.000;  
436/063.000; 436/164.000; 436/166.000; 436/172.000; 436/174.000;  
436/517.000; 436/546.000; 382/255.000  
NCL NCLM: 435/007.210  
NCLS: 382/255.000; 435/004.000; 435/006.000; 435/007.100; 435/007.200;  
435/007.500; 435/288.400; 435/375.000; 435/377.000; 436/010.000;  
436/017.000; 436/063.000; 436/164.000; 436/166.000; 436/172.000;  
436/174.000; 436/517.000; 436/546.000  
IC [7]  
EXF ICM: G01N033-53  
435/7.2; 435/7.21; 435/29; 435/40.5; 435/40.51; 435/288.3; 435/288.4;  
435/4; 435/7.5; 435/6; 435/7.1; 435/183; 435/375; 435/975; 435/377;  
436/546; 436/172; 436/800; 436/809; 436/10; 436/17; 436/164; 436/166;  
436/174; 436/63; 436/517; 436/56; 356/300; 356/326; 356/328; 382/255;  
382/141; 530/350  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 5 OF 58 USPATFULL on STN  
AN 2002:70095 USPATFULL  
TI Methods and compositions for inhibiting inflammation and angiogenesis  
IN comprising a mammalian CD97 .alpha. subunit  
PA Kelly, Kathleen, North Potomac, MD, United States  
The United States of America as represented by the Secretary of the  
Department of Health and Human Services, Washington, DC, United States  
(U.S. government)  
PI US 6365712 B1 20020402  
WO 9817796 19980430 <--  
AI US 1999-284819 19990820 (9)  
WO 1997-US19772 19971024  
19990820 PCT 371 date  
PRAI US 1996-27871P 19961025 (60)  
DT Utility  
FS GRANTED  
LN.CNT 3805  
INCL INCLM: 530/300.000  
INCLS: 530/324.000; 530/350.000; 530/380.000; 530/385.000; 530/386.000;  
530/387.100; 530/387.200; 530/387.900; 530/388.100; 530/388.150;  
530/388.200; 530/388.250; 530/388.700; 424/009.100; 424/130.100;  
424/131.100; 424/133.100; 424/134.100; 514/001.000; 514/002.000;  
435/004.000; 435/007.100; 435/041.000; 435/069.100  
NCL NCLM: 530/300.000



NCLS: 424/009.100; 424/130.100; 424/131.100; 424/133.100; 424/134.100;  
435/004.000; 435/007.100; 435/041.000; 435/069.100; 530/324.000;  
530/350.000; 530/380.000; 530/385.000; 530/386.000; 530/387.100;  
530/387.200; 530/387.900; 530/388.100; 530/388.150; 530/388.200;  
530/388.250; 530/388.700

IC [7]  
ICM: A61K038-00  
ICS: C07K002-00; C07K004-00; C07K005-00; C07K007-00

EXF 530/350; 530/380; 530/385; 530/386; 530/387.1; 530/387.2; 530/387.9;  
530/388.1; 530/388.15; 530/388.2; 530/388.25; 530/388.7; 530/300;  
530/324; 514/1; 514/2; 424/9.1; 424/130.1; 424/131.1; 424/133.1;  
424/134.1; 435/4; 435/7.1; 435/41; 435/69.1

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 6 OF 58 USPATFULL on STN  
AN 1999:166849 USPATFULL  
TI Promiscuous G-protein compositions and their use  
IN Negulescu, Paul, Solana Beach, CA, United States  
Offermanns, Stefan, Berlin, Germany, Federal Republic of  
Simon, Melvin, San Marino, CA, United States  
Zuker, Charles, San Diego, CA, United States  
PA Aurora BioSciences Corporation, San Diego, CA, United States (U.S.  
corporation)  
PI US 6004808 19991221 <--  
AI US 1997-878801 19970619 (8)  
PRAI US 1996-20234P 19960621 (60)  
DT Utility  
FS Granted  
LN.CNT 2021  
INCL INCLM: 435/325.000  
INCLS: 435/004.000; 435/172.300; 435/366.000; 436/063.000  
NCL NCLM: 435/325.000  
NCLS: 435/004.000; 435/366.000; 436/063.000  
IC [6]  
ICM: C12N005-10  
EXF 435/325; 435/4; 435/172.3; 435/366; 436/63  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 7 OF 58 USPATFULL on STN  
AN 1999:163818 USPATFULL  
TI Ligands of the neuropeptide receptor HFGAN72  
IN Bergsma, Derk J., Berwyn, PA, United States  
Yanagisawa, Masashi, Dallas, TX, United States  
PA SmithKline Beecham Corporation, Philadelphia, PA, United States (U.S.  
corporation)  
University of Texas Southwestern Medical Center at Dallas, Dallas, TX,  
United States (U.S. corporation)  
PI US 6001963 19991214 <--  
AI US 1997-938548 19970926 (8)  
RLI Continuation-in-part of Ser. No. US 1997-887382, filed on 2 Jul 1997  
which is a continuation-in-part of Ser. No. US 1997-820519, filed on 19  
Mar 1997, now abandoned  
PRAI US 1996-33604P 19961217 (60)  
DT Utility  
FS Granted  
LN.CNT 1677  
INCL INCLM: 530/324.000  
INCLS: 530/300.000; 530/350.000; 530/399.000; 514/012.000  
NCL NCLM: 530/324.000  
NCLS: 530/300.000; 530/350.000; 530/399.000  
IC [6]  
ICM: A61K038-00  
ICS: C07K005-00  
EXF 530/300; 530/350; 530/324; 530/325; 530/326; 530/327; 530/399; 514/2;  
514/12; 514/13; 514/14; 514/15  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 8 OF 58 USPATFULL on STN  
AN 1999:163475 USPATFULL  
TI Human lysophosphatidic acid acyltransferase  
IN Hillman, Jennifer L., Mountain View, CA, United States  
Yue, Henry, Sunnyvale, CA, United States  
Guegler, Karl J., Menlo Park, CA, United States  
Corley, Neil C., Mountain View, CA, United States  
PA Incyte Pharmaceuticals, Inc., Palo Alto, CA, United States (U.S.  
corporation)

PI US 6001620 19991214 <--  
AI US 1999-259706 19990301 (9)  
RLI Division of Ser. No. US 1998-30652, filed on 25 Feb 1998, now patented,  
Pat. No. US 5888793  
DT Utility  
FS Granted  
LN.CNT 2266  
INCL INCLM: 435/193.000  
NCL NCLM: 435/193.000  
IC [6]  
ICM: C12N009-10  
EXF 435/193  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 9 OF 58 USPATFULL on STN  
AN 1999:163437 USPATFULL  
TI Cation-based bioassay using human metabotropic glutamate receptors  
IN Johnson, Edwin C., San Diego, CA, United States  
Hess, Stephen D., San Diego, CA, United States  
PA Sibia Neurosciences, Inc., La Jolla, CA, United States (U.S.  
corporation)  
PI US 6001581 19991214 <--  
WO 9429449 19941222 <--  
AI US 1995-367264 19950109 (8)  
WO 1994-US6273 19940603  
19950109 PCT 371 date  
19950109 PCT 102(e) date  
RLI Continuation-in-part of Ser. No. US 1993-72574, filed on 4 Jun 1993, now  
patented, Pat. No. US 5521297  
DT Utility  
FS Granted  
LN.CNT 4417  
INCL INCLM: 435/007.210  
INCLS: 435/069.100; 435/325.000; 530/350.000; 536/023.500; 436/501.000  
NCL NCLM: 435/007.210  
NCLS: 435/069.100; 435/325.000; 436/501.000; 530/350.000; 536/023.500  
IC [6]  
ICM: G01N033-566  
ICS: C07K014-705; C12N015-10  
EXF 435/7.2; 435/69.1; 435/252.3; 435/325; 435/7.21; 435/254.11; 514/44;  
536/23.5; 530/350; 436/501  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 10 OF 58 USPATFULL on STN  
AN 1999:163409 USPATFULL  
TI Functional expression of mammalian adenylyl \*\*\*cyclase\*\*\* in yeast  
IN Broach, James R., Princeton, NJ, United States  
Manfredi, John P., Ossining, NY, United States  
Trueheart, Joshua, Nyack, NY, United States  
PA Cadus Pharmaceutical Corporation, Tarrytown, NY, United States (U.S.  
corporation)  
PI US 6001553 19991214 <--  
WO 9530012 19951109  
AI US 1997-732218 19970114 (8)  
WO 1995-US5149 19950426  
19970114 PCT 371 date  
19970114 PCT 102(e) date  
RLI Continuation-in-part of Ser. No. US 1994-233700, filed on 26 Apr 1994,  
now abandoned  
DT Utility  
FS Granted  
LN.CNT 4954  
INCL INCLM: 435/004.000  
INCLS: 435/252.200; 435/254.210; 435/232.000  
NCL NCLM: 435/004.000  
NCLS: 435/232.000; 435/252.200; 435/254.210  
IC [6]  
ICM: C12Q001-00  
ICS: C12N001-14; C12N009-88  
EXF 435/4; 435/252.2; 435/254.21; 435/232  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 11 OF 58 USPATFULL on STN  
AN 1999:159780 USPATFULL  
TI Polynucleotides encoding human \*\*\*G\*\*\* - \*\*\*protein\*\*\*  
\*\*\*coupled\*\*\* \*\*\*receptor\*\*\* GPRZ

IN Li, Yi, Gaithersburg, MD, United States  
Cao, Liang, Monmouth Terrace, Hong Kong  
Ni, Jian, Gaithersburg, MD, United States  
Gentz, Reiner, Silver Spring, MD, United States  
Bult, Carol J., Laurel, MD, United States  
Sutton, III, Granger G., Columbia, MD, United States  
Rosen, Craig A., Laytonsville, MD, United States  
PA Human Genome Sciences, Inc., Rockville, MD, United States (U.S.  
corporation)  
PI US 5998164 19991207 <--  
AI US 1995-467948 19950606 (8)  
RLI Continuation-in-part of Ser. No. WO 1995-US4079, filed on 30 Mar 1995  
DT Utility  
FS Granted  
LN.CNT 2702  
INCL INCLM: 435/069.100  
INCLS: 435/069.700; 435/252.300; 435/320.100; 536/023.400; 536/023.500  
NCL NCLM: 435/069.100  
NCLS: 435/069.700; 435/252.300; 435/320.100; 536/023.400; 536/023.500  
IC [6]  
ICM: C12N015-12  
ICS: C12N015-62  
EXF 435/69.1; 435/69.7; 435/252.1; 435/320.1; 536/23.5; 536/23.4  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 12 OF 58 USPATFULL on STN  
AN 1999:141602 USPATFULL  
TI Chimeric receptors and methods for identifying compounds active at  
metabotropic glutamate receptors  
IN Fuller, Forrest H., La Jolla, CA, United States  
Krapcho, Karen J., Salt Lake City, UT, United States  
Hammerland, Lance G., Bountiful, UT, United States  
PA NPS Pharmaceuticals, Inc., Salt Lake City, UT, United States (U.S.  
corporation)  
PI US 5981195 19991109 <--  
AI US 1996-687289 19960725 (8)  
PRAI US 1995-1526P 19950726 (60)  
DT Utility  
FS Granted  
LN.CNT 4472  
INCL INCLM: 435/007.100  
INCLS: 435/007.200; 435/069.700; 435/252.300; 435/320.100; 530/350.000;  
536/023.400  
NCL NCLM: 435/007.100  
NCLS: 435/007.200; 435/069.700; 435/252.300; 435/320.100; 530/350.000;  
536/023.400  
IC [6]  
ICM: C07K019-00  
ICS: C12N015-62  
EXF 435/69.7; 435/6; 435/7.1; 435/7.2; 435/252.3; 435/32.7; 530/350;  
536/23.4  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 13 OF 58 USPATFULL on STN  
AN 1999:132773 USPATFULL  
TI Methods of treating nueropeptide Y-associated conditions  
IN Bue-Valleskey, Juliana Maude, Indianapolis, IN, United States  
Heiman, Mark Louis, Indianapolis, IN, United States  
Stephens, Thomas Wesley, Indianapolis, IN, United States  
Tinsley, Frank C., Indianapolis, IN, United States  
PA Eli Lilly and Company, Indianapolis, IN, United States (U.S.  
corporation)  
PI US 5972888 19991026 <--  
AI US 1997-959112 19971023 (8)  
RLI Continuation of Ser. No. US 1996-672897, filed on 28 Jun 1996, now  
abandoned  
PRAI US 1995-737P 19950630 (60)  
US 1995-861P 19950630 (60)  
DT Utility  
FS Granted  
LN.CNT 3222  
INCL INCLM: 514/012.000  
INCLS: 530/324.000; 546/202.000  
NCL NCLM: 514/012.000  
NCLS: 530/324.000; 546/202.000  
IC [6]

ICM: A61K038-00  
ICS: C07K014-00  
EXF 514/12; 514/324; 514/909; 546/202; 530/324; 530/350  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 14 OF 58 USPATFULL on STN  
AN 1999:128433 USPATFULL  
TI DNA encoding serotonin receptors  
IN Sutcliffe, J. Gregor, Cardiff, CA, United States  
Erlander, Mark G., Encinitas, CA, United States  
Lovenberg, Timothy W., San Diego, CA, United States  
PA The Scripps Research Institute, La Jolla, CA, United States (U.S.  
corporation)  
PI US 5968817 19991019 <--  
AI US 1993-31538 19930315 (8)  
DT Utility  
FS Granted  
LN.CNT 4709  
INCL INCLM: 435/325.000  
INCLS: 536/023.500; 435/069.100; 435/320.100  
NCL NCLM: 435/325.000  
NCLS: 435/069.100; 435/320.100; 536/023.500  
IC [6]  
ICM: C12N015-12  
EXF 536/23.5; 435/240.2; 435/320.1; 435/252.3; 435/69.1; 435/325  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 15 OF 58 USPATFULL on STN  
AN 1999:121216 USPATFULL  
TI Calcium receptor-active molecules  
IN Brown, Edward M., Milton, MA, United States  
Hebert, Steven C., Wellesley, MA, United States  
Garrett, Jr., James E., Salt Lake City, UT, United States  
PA NPS Pharmaceuticals, Inc., Salt Lake City, UT, United States (U.S.  
corporation)  
Brigham and Women's Hospital, Boston, MA, United States (U.S.  
corporation)  
PI US 5962314 19991005 <--  
AI US 1997-943986 19971003 (8)  
RLI Continuation of Ser. No. US 1995-484565, filed on 7 Jun 1995, now  
patented, Pat. No. US 5763569 which is a continuation-in-part of Ser.  
No. US 1994-353784, filed on 8 Dec 1994 which is a continuation-in-part  
of Ser. No. WO 1994-US12117, filed on 21 Oct 1994 Ser. No. Ser. No. US  
1994-292827, filed on 19 Aug 1994, now abandoned Ser. No. Ser. No. US  
1993-141248, filed on 22 Oct 1993, now abandoned And Ser. No. US  
1993-9389, filed on 23 Feb 1993, now abandoned  
DT Utility  
FS Granted  
LN.CNT 7882  
INCL INCLM: 435/320.100  
INCLS: 435/325.000; 435/243.000; 435/252.300; 536/023.100; 536/023.400;  
536/023.500; 536/024.310; 530/300.000; 530/326.000; 530/350.000  
NCL NCLM: 435/320.100  
NCLS: 435/243.000; 435/252.300; 435/325.000; 530/300.000; 530/326.000;  
530/350.000; 536/023.100; 536/023.400; 536/023.500; 536/024.310  
IC [6]  
ICM: C12N015-63  
ICS: C12N015-11; C12N015-12; C07K007-00  
EXF 435/69.1; 435/252.3; 435/320.1; 435/325; 435/243; 536/23.1; 536/23.4;  
536/23.5; 536/24.31; 530/300; 530/326; 530/350  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 16 OF 58 USPATFULL on STN  
AN 1999:117301 USPATFULL  
TI Human G-protein receptor HCEGH45  
IN Soppet, Daniel R., Centreville, VA, United States  
Li, Yi, Sunnyvale, CA, United States  
Rosen, Craig A., Laytonsville, MD, United States  
Ruben, Steven M., Olney, MD, United States  
PA Human Genome Sciences, Inc., Rockville, MD, United States (U.S.  
corporation)  
PI US 5958729 19990928 <--  
AI US 1997-982412 19971202 (8)  
RLI Continuation of Ser. No. US 1995-465976, filed on 6 Jun 1995, now  
patented, Pat. No. US 5869632  
PRAI US 1996-32186P 19961202 (60)

DT Utility  
FS Granted  
LN.CNT 1679  
INCL INCLM: 435/069.100  
INCLS: 435/252.300; 435/320.100; 536/023.500; 536/024.310  
NCL NCLM: 435/069.100  
NCLS: 435/252.300; 435/320.100; 536/023.500; 536/024.310  
IC [6]  
ICM: C12N005-10  
ICS: C12N015-12  
EXF 530/350; 530/324; 435/69.1; 435/69.7; 536/23.4; 536/23.5; 536/24.31  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 17 OF 58 USPATFULL on STN  
AN 1999:113591 USPATFULL  
TI Human chemokine receptor-like protein  
IN Au-Young, Janice, Berkeley, CA, United States  
Guegler, Karl J., Menlo Park, CA, United States  
Cheng, Muzong, Oakland, CA, United States  
PA Incyte Pharmaceuticals, Inc., Palo Alto, CA, United States (U.S. corporation)  
PI US 5955303 19990921 <--  
AI US 1997-812871 19970306 (8)

DT Utility  
FS Granted  
LN.CNT 1977  
INCL INCLM: 435/069.100  
INCLS: 536/023.100; 536/024.310; 435/320.100; 435/325.000; 435/252.300;  
435/172.300  
NCL NCLM: 435/069.100  
NCLS: 435/252.300; 435/320.100; 435/325.000; 536/023.100; 536/024.310  
IC [6]  
ICM: C07M021-04  
ICS: C12N015-12; C12N015-63  
EXF 435/69.1; 435/320.1; 435/325; 435/252.3; 435/172.1; 536/24.31; 536/23.5;  
536/23.1  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 18 OF 58 USPATFULL on STN  
AN 1999:106566 USPATFULL  
TI Human G-protein receptor HPRAJ70  
IN Soppet, Daniel R., Centreville, VA, United States  
Li, Yi, Gaithersburg, MD, United States  
Rosen, Craig A., Laytonsville, MD, United States  
Ruben, Steven M., Olney, MD, United States  
PA Human Genome Sciences, Inc., Rockville, MD, United States (U.S. corporation)  
PI US 5948890 19990907 <--  
AI US 1998-53303 19980401 (9)  
RLI Division of Ser. No. US 1995-465980, filed on 6 Jun 1995, now patented,  
Pat. No. US 5756309

DT Utility  
FS Granted  
LN.CNT 1533  
INCL INCLM: 530/350.000  
INCLS: 435/069.100; 536/023.100; 536/023.500; 530/300.000  
NCL NCLM: 530/350.000  
NCLS: 435/069.100; 530/300.000; 536/023.100; 536/023.500  
IC [6]  
ICM: C07K014-705  
EXF 530/350; 530/300; 435/69.1; 536/23.5; 536/23.1  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 19 OF 58 USPATFULL on STN  
AN 1999:102696 USPATFULL  
TI Isolated nucleic acid molecules encoding a \*\*\*G\*\*\* - \*\*\*protein\*\*\*  
\*\*\*coupled\*\*\* \*\*\*receptor\*\*\* showing homology to the 5HT family of  
receptors  
IN Glucksmann, M. Alexandra, Lexington, MA, United States  
Robison, Keith, Wilmington, MA, United States  
PA Millennium Pharmaceuticals, Inc., Cambridge, MA, United States (U.S. corporation)  
PI US 5945307 19990831 <--  
AI US 1998-13634 19980126 (9)  
DT Utility  
FS Granted

LN.CNT 2826  
INCL INCLM: 435/069.100  
INCLS: 536/023.500; 435/252.300; 435/254.110; 435/320.100; 435/325.000  
NCL NCLM: 435/069.100  
NCLS: 435/252.300; 435/254.110; 435/320.100; 435/325.000; 536/023.500  
IC [6]  
ICM: C12N015-12  
ICS: C07K014-705  
EXF 536/23.5; 435/69.1; 435/320.1; 435/325; 435/352.3; 435/254.11  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 20 OF 58 USPATFULL on STN  
AN 1999:99562 USPATFULL  
TI Polynucleotides encoding human \*\*\*G\*\*\* - \*\*\*protein\*\*\*  
\*\*\*coupled\*\*\* \*\*\*receptor\*\*\* HIBEF51  
IN Li, Yi, Gaithersburg, MD, United States  
Adams, Mark D., North Potomac, MD, United States  
PA Human Genome Sciences, Inc., Rockville, MD, United States (U.S.  
corporation)  
PI US 5942414 19990824 <--  
AI US 1995-465971 19950606 (8)  
DT Utility  
FS Granted

LN.CNT 1665  
INCL INCLM: 435/069.100  
INCLS: 435/252.300; 435/254.110; 435/320.100; 435/325.000; 536/023.500  
NCL NCLM: 435/069.100  
NCLS: 435/252.300; 435/254.110; 435/320.100; 435/325.000; 536/023.500  
IC [6]  
ICM: C12N015-12  
ICS: C07K014-705  
EXF 535/23.5; 535/24.31; 435/69.1; 435/325; 435/252.3; 435/254.11; 435/320.1  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 21 OF 58 USPATFULL on STN  
AN 1999:92641 USPATFULL  
TI Methods of treating migraine and compounds useful for such methods  
IN Weinshank, Richard L., New York, NY, United States  
Branchek, Theresa, Teaneck, NJ, United States  
Hartig, Paul R., Mahwah, NJ, United States  
PA Synaptic Pharmaceutical Corporation, Paramus, NJ, United States (U.S.  
corporation)  
PI US 5935925 19990810 <--  
AI US 1995-461812 19950605 (8)  
RLI Continuation of Ser. No. US 1993-946364, filed on 8 Jan 1993, now  
abandoned which is a continuation-in-part of Ser. No. WO 1991-US3200,  
filed on 8 May 1991 which is a continuation of Ser. No. US 1990-520716,  
filed on 8 May 1990, now patented, Pat. No. US 5155218  
DT Utility  
FS Granted

LN.CNT 1992  
INCL INCLM: 514/002.000  
INCLS: 514/001.000; 514/044.000  
NCL NCLM: 514/002.000  
NCLS: 514/001.000; 514/044.000  
IC [6]  
ICM: A01N037-18  
EXF 435/69.1; 514/1; 514/2; 514/44  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 22 OF 58 USPATFULL on STN  
AN 1999:89022 USPATFULL  
TI Signal peptide-containing proteins  
IN Lal, Preeti, Santa Clara, CA, United States  
Au-Young, Janice, Berkeley, CA, United States  
Reddy, Roopa, Sunnyvale, CA, United States  
Murry, Lynn E., Portola Valley, CA, United States  
Mathur, Preete, Fremont, CA, United States  
PA Incyte Pharmaceuticals, Inc., Palo Alto, CA, United States (U.S.  
corporation)  
PI US 5932445 19990803 <--  
AI US 1997-966316 19971107 (8)  
DT Utility  
FS Granted  
LN.CNT 2972  
INCL INCLM: 435/069.100

NCL INCLS: 435/069.800; 435/320.100; 435/252.300; 435/325.000; 536/023.500  
NCLM: 435/069.100  
IC NCLS: 435/069.800; 435/252.300; 435/320.100; 435/325.000; 536/023.500  
[6]  
ICM: C07H021-00  
ICS: C12N001-13; C12N005-10; C12N015-63  
EXF 435/69.1; 435/69.8; 435/471; 435/476; 435/325; 435/252.3; 536/23.1;  
536/23.5

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 23 OF 58 USPATFULL on STN  
AN 1999:67354 USPATFULL  
TI \*\*\*G\*\*\* - \*\*\*protein\*\*\* \*\*\*coupled\*\*\* \*\*\*receptor\*\*\*  
HUVCT36  
IN Bergsma, Derk J., Berwyn, PA, United States  
Ellis, Catherine E., Glassboro, NJ, United States  
PA SmithKline Beecham Corporation, Philadelphia, PA, United States (U.S.  
corporation)  
PI US 5912335 19990615 <--  
AI US 1996-724974 19961003 (8)  
DT Utility  
FS Granted  
LN.CNT 2399  
INCL INCLM: 536/023.500  
INCLS: 435/069.100; 435/252.300; 435/320.100; 530/350.000  
NCL NCLM: 536/023.500  
NCLS: 435/069.100; 435/252.300; 435/320.100; 530/350.000  
IC [6]  
ICM: C12N015-12  
ICS: C07K014-705  
EXF 435/69.1; 435/253.2; 435/325; 435/320.1; 536/23.5  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 24 OF 58 USPATFULL on STN  
AN 1999:67141 USPATFULL  
TI Nucleic acids encoding and method for detecting nucleic acid encoding  
human metabotropic glutamate receptor subtype mGluR6  
IN Daggett, Lorrie P., San Diego, CA, United States  
Lu, Chin-Chun, San Diego, CA, United States  
PA Sibia Neurosciences, Inc., La Jolla, CA, United States (U.S.  
corporation)  
PI US 5912122 19990615 <--  
AI US 1995-407875 19950320 (8)  
RLI Continuation-in-part of Ser. No. US 1993-72574, filed on 4 Jun 1993, now  
patented, Pat. No. US 5521297  
DT Utility  
FS Granted  
LN.CNT 2248  
INCL INCLM: 435/006.000  
INCLS: 536/023.500; 536/024.310; 435/325.000  
NCL NCLM: 435/006.000  
NCLS: 435/325.000; 536/023.500; 536/024.310  
IC [6]  
ICM: C12N015-85  
ICS: C07H021-04  
EXF 536/23.5; 536/24.31; 435/320.1; 435/240.2; 435/6; 435/325  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 25 OF 58 USPATFULL on STN  
AN 1999:43468 USPATFULL  
TI Isolated DNA encoding a novel human \*\*\*G\*\*\* - \*\*\*protein\*\*\*  
\*\*\*coupled\*\*\* \*\*\*receptor\*\*\*  
IN Moore, Karen, Maynard, MA, United States  
Nagle, Deborah Lynn, Watertown, MA, United States  
Wolf, Elizabeth A., Georgetown, MA, United States  
PA Millennium Pharmaceuticals, Inc., Cambridge, MA, United States (U.S.  
corporation)  
PI US 5891720 19990406 <--  
AI US 1997-833226 19970417 (8)  
DT Utility  
FS Granted  
LN.CNT 2836  
INCL INCLM: 435/325.000  
INCLS: 435/006.000; 435/320.100; 435/366.000; 536/023.100; 536/023.500  
NCL NCLM: 435/325.000  
NCLS: 435/006.000; 435/320.100; 435/366.000; 536/023.100; 536/023.500

IC [6]  
ICM: C12N015-85  
ICS: C12N015-63; C07H021-04; C12Q001-68  
EXF 435/6; 435/320.1; 435/325; 435/366; 536/23.1; 536/23.5  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 26 OF 58 USPATFULL on STN  
AN 1999:40213 USPATFULL  
TI Human lysophosphatidic acid acyltransferase  
IN Hillman, Jennifer L., Mountain View, CA, United States  
Yue, Henry, Sunnyvale, CA, United States  
Guegler, Karl J., Menlo Park, CA, United States  
Corley, Neil C., Mountain View, CA, United States  
PA Incyte Pharmaceuticals, Inc., Palo Alto, CA, United States (U.S. corporation)  
PI US 5888793 19990330 <--  
AI US 1998-30652 19980225  
DT Utility  
FS Granted  
LN.CNT 2199  
INCL INCLM: 435/193.000  
INCLS: 435/252.300; 435/252.330; 435/254.110; 435/254.300; 435/325.000;  
435/419.000; 435/320.100; 536/023.200  
NCL NCLM: 435/193.000  
NCLS: 435/006.000; 435/252.300; 435/252.330; 435/254.110; 435/254.300;  
435/320.100; 435/325.000; 435/419.000; 536/023.200

IC [6]  
ICM: C12N015-54  
ICS: C12N009-10; C12N015-09  
EXF 435/193; 435/252.3; 435/252.33; 435/254.11; 435/254.3; 435/325; 435/419;  
435/320.1; 435/6; 536/23.2  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 27 OF 58 USPATFULL on STN  
AN 1999:33801 USPATFULL  
TI Nucleic acids encoding muscarinic receptors and uses therefor  
IN Goodearl, Andrew D.J., Natick, MA, United States  
PA Millennium Pharmaceuticals, Inc., Cambridge, MA, United States (U.S. corporation)  
PI US 5882893 19990316 <--  
AI US 1997-985090 19971204 (8)  
DT Utility  
FS Granted  
LN.CNT 4039  
INCL INCLM: 435/069.100  
INCLS: 435/252.300; 435/254.110; 435/320.100; 435/325.000; 536/024.310;  
536/023.500  
NCL NCLM: 435/069.100  
NCLS: 435/252.300; 435/254.110; 435/320.100; 435/325.000; 536/023.500;  
536/024.310

IC [6]  
ICM: C12N015-12  
EXF 435/69.1; 435/325; 435/252.3; 435/254.11; 435/320.1; 536/23.5; 536/24.31  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 28 OF 58 USPATFULL on STN  
AN 1999:24494 USPATFULL  
TI G-beta-gamma regulated phosphatidylinositol-3' kinase  
IN Stephens, Len, Sawston, England  
Hawkins, Philip Thomas, Sawston, England  
PA Onyx Pharmaceuticals, Richmond, CA, United States (U.S. corporation)  
PI US 5874273 19990223 <--  
AI US 1996-672211 19960627 (8)  
DT Utility  
FS Granted  
LN.CNT 4148  
INCL INCLM: 435/194.000  
INCLS: 435/252.300; 435/320.100; 435/325.000; 435/358.000; 435/365.000;  
435/366.000; 530/350.000; 530/829.000; 536/023.200; 536/023.400;  
536/023.500  
NCL NCLM: 435/194.000  
NCLS: 435/252.300; 435/320.100; 435/325.000; 435/358.000; 435/365.000;  
435/366.000; 530/350.000; 530/829.000; 536/023.200; 536/023.400;  
536/023.500

IC [6]  
ICM: C12N009-12



ICS: C12N001-20; C12N005-00; C07H021-04  
EXF 435/240.2; 435/320.1; 435/194; 435/325; 435/358; 435/366; 435/365;  
435/252.3; 536/23.1; 536/23.2; 536/23.4; 536/23.5; 530/350; 530/829  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 29 OF 58 USPATFULL on STN  
AN 1999:22129 USPATFULL  
TI Compositions useful as a cannabinoid receptor probe  
IN Makriyannis, Alexandros, Ashford, CT, United States  
Guo, Yan, Clinton, NJ, United States  
Abadji, Vasiliki, Boston, MA, United States  
PA University of Connecticut, Storrs, CT, United States (U.S. corporation)  
PI US 5872148 19990216 <--  
AI US 1995-512864 19950808 (8)  
RLI Division of Ser. No. US 1993-103883, filed on 6 Aug 1993, now patented,  
Pat. No. US 5440052  
DT Utility  
FS Granted  
LN.CNT 550  
INCL INCLM: 514/454.000  
INCLS: 549/390.000  
NCL NCLM: 514/454.000  
NCLS: 549/390.000  
IC [6]  
ICM: A61K031-35  
ICS: C07D311-80  
EXF 549/390; 514/454  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 30 OF 58 USPATFULL on STN  
AN 1999:19293 USPATFULL  
TI Human G-protein receptor HCEGH45  
IN Soppet, Daniel R., Centreville, VA, United States  
Li, Yi, Gaithersburg, MD, United States  
Rosen, Craig A., Laytonsville, MD, United States  
Ruben, Steven M., Olney, MD, United States  
PA Human Genome Sciences, Inc., Rockville, MD, United States (U.S.  
corporation)  
PI US 5869632 19990209 <--  
AI US 1995-465976 19950606 (8)  
DT Utility  
FS Granted  
LN.CNT 1597  
INCL INCLM: 536/023.100  
INCLS: 536/024.300; 435/006.000  
NCL NCLM: 536/023.100  
NCLS: 435/006.000; 536/024.300  
IC [6]  
ICM: C07H021-02  
ICS: C07H021-04; C12Q001-68  
EXF 435/6; 536/24.3; 536/23.1  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 31 OF 58 USPATFULL on STN  
AN 1999:18940 USPATFULL  
TI G-beta-gamma regulated phosphatidylinositol-3' kinase  
IN Stephens, Len, Sawston, England  
Hawkins, Phillip Thomas, Sawston, England  
PA Onyx Pharmaceuticals, Richmond, CA, United States (U.S. corporation)  
PI US 5869271 19990209 <--  
AI US 1997-972630 19971118 (8)  
RLI Division of Ser. No. US 1996-672211, filed on 27 Jun 1996  
DT Utility  
FS Granted  
LN.CNT 3979  
INCL INCLM: 435/015.000  
INCLS: 435/193.000; 435/194.000; 530/350.000; 530/829.000; 536/023.200;  
536/023.500  
NCL NCLM: 435/015.000  
NCLS: 435/193.000; 435/194.000; 530/350.000; 530/829.000; 536/023.200;  
536/023.500  
IC [6]  
ICM: C12Q001-58  
ICS: C12N009-12; C07K001-00; C07H021-04  
EXF 435/15; 435/193; 435/194; 536/23.2; 536/23.5; 530/350; 530/829  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 32 OF 58 USPATFULL on STN  
 AN 1999:4855 USPATFULL  
 TI G-beta-gamma regulated phosphatidylinositol-3' kinase  
 IN Stephens, Len, Sawston, England  
 Hawkins, Phillip Thomas, Sawston, England  
 PA Onyx Pharmaceuticals, Richmond, CA, United States (U.S. corporation)  
 PI US 5859201 19990112 <--  
 AI US 1997-972629 19971118 (8)  
 RLI Division of Ser. No. US 1996-672211, filed on 27 Jun 1996  
 DT Utility  
 FS Granted  
 LN.CNT 4012  
 INCL INCLM: 530/350.000  
 INCLS: 530/829.000; 435/069.700  
 NCL NCLM: 530/350.000  
 NCLS: 435/069.700; 530/829.000  
 IC [6]  
 ICM: C12P021-04  
 ICS: C07K001-00  
 EXF 435/69.7; 530/350; 530/829  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 33 OF 58 USPATFULL on STN  
 AN 1999:4350 USPATFULL  
 TI Method of screening calcium receptor-active molecules  
 IN Nemeth, Edward F., Salt Lake City, UT, United States  
 Brown, Edward M., Milton, MA, United States  
 Hebert, Steven C., Wellesley, MA, United States  
 Garrett, Jr., James E., Salt Lake City, UT, United States  
 Van Wagenen, Bradford C., Salt Lake City, UT, United States  
 Balandrin, Manuel F., Sandy, UT, United States  
 Del Mar, Eric G., Salt Lake City, UT, United States  
 PA The Brigham and Women's Hospital, Inc., Boston, MA, United States (U.S. corporation)  
 NPS Pharmaceuticals, Inc., Salt Lake City, UT, United States (U.S. corporation)  
 PI US 5858684 19990112 <--  
 AI US 1995-480751 19950607 (8)  
 RLI Continuation-in-part of Ser. No. US 1994-353784, filed on 8 Dec 1994  
 which is a continuation-in-part of Ser. No. US 1994-292827, filed on 19  
 Aug 1994, now abandoned And a continuation-in-part of Ser. No. US  
 1993-141248, filed on 22 Oct 1993, now abandoned And a  
 continuation-in-part of Ser. No. US 1993-9389, filed on 23 Feb 1993, now  
 abandoned which is a continuation-in-part of Ser. No. US 1993-17127,  
 filed on 12 Feb 1993, now abandoned which is a continuation-in-part of  
 Ser. No. US 1992-934161, filed on 21 Aug 1992, now abandoned which is a  
 continuation-in-part of Ser. No. US 1992-834044, filed on 11 Feb 1992,  
 now abandoned which is a continuation-in-part of Ser. No. US  
 1991-749451, filed on 23 Aug 1991, now abandoned  
 DT Utility  
 FS Granted  
 LN.CNT 7588  
 INCL INCLM: 435/007.200  
 INCLS: 435/065.100; 435/325.000; 435/252.300; 435/320.100; 435/007.100;  
 530/300.000; 530/324.000; 530/350.000; 536/023.100; 536/023.500  
 NCL NCLM: 435/007.200  
 NCLS: 435/007.100; 435/069.100; 435/252.300; 435/320.100; 435/325.000;  
 530/300.000; 530/324.000; 530/350.000; 536/023.100; 536/023.500  
 IC [6]  
 ICM: C12Q001-68  
 EXF 435/7.2; 435/65.1; 435/325; 435/252.3; 435/320.1; 530/300; 530/350;  
 530/324; 536/23.1; 536/23.5  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 34 OF 58 USPATFULL on STN  
 AN 1999:1472 USPATFULL  
 TI G-beta-gamma regulated phosphatidylinositol-3' kinase  
 IN Stephens, Len, Cambridge, England  
 Hawkins, Phillip Thomas, Cambridge, England  
 PA Onyx Pharmaceuticals, Richmond, CA, United States (U.S. corporation)  
 PI US 5856133 19990105 <--  
 AI US 1997-972631 19971118 (8)  
 RLI Division of Ser. No. US 1996-672211, filed on 27 Jun 1996  
 DT Utility  
 FS Granted

LN.CNT 3974  
INCL INCLM: 435/069.200  
INCLS: 435/194.000; 435/252.300; 435/069.100; 530/350.000; 530/859.000;  
536/023.500  
NCL NCLM: 435/069.200  
NCLS: 435/069.100; 435/194.000; 435/252.300; 530/350.000; 530/829.000;  
536/023.500  
IC [6]  
ICM: C12P021-06  
ICS: C12N009-12; C12N001-20; C07H021-04  
EXF 435/69.1; 435/69.2; 435/252.3; 530/350; 530/829; 536/23.5  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 35 OF 58 USPATFULL on STN  
AN 1999:1471 USPATFULL  
TI G-beta-gamma regulated phosphatidylinositol-3' kinase  
IN Stephens, Len, Sawston, England  
Hawkins, Phillip Thomas, Sawston, England  
Brasemann, Sylvia, San Francisco, CA, United States  
PA Onyx Pharmaceuticals, Richmond, CA, United States (U.S. corporation)  
PI US 5856132 19990105 <--  
AI US 1997-916917 19970815 (8)  
RLI Continuation-in-part of Ser. No. US 1996-672211, filed on 27 Jun 1996  
DT Utility  
FS Granted  
LN.CNT 4569  
INCL INCLM: 435/069.200  
INCLS: 435/069.700; 435/194.000; 435/252.300; 435/320.100; 435/325.000;  
435/358.000; 435/365.000; 435/366.000; 435/069.100; 530/350.000;  
530/829.000; 536/023.200; 536/023.400; 536/023.500  
NCL NCLM: 435/069.200  
NCLS: 435/069.100; 435/069.700; 435/194.000; 435/252.300; 435/320.100;  
435/325.000; 435/358.000; 435/365.000; 435/366.000; 530/350.000;  
530/829.000; 536/023.200; 536/023.400; 536/023.500  
IC [6]  
ICM: C12P021-06  
ICS: C12N009-12; C07K001-00; C07H021-04  
EXF 435/69.2; 435/69.7; 435/194; 435/252.3; 435/320.1; 435/325; 435/358;  
435/365; 435/366; 435/69.1; 530/350; 530/829; 536/23.2; 536/23.4;  
536/23.5  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 36 OF 58 USPATFULL on STN  
AN 1998:139018 USPATFULL  
TI \*\*\*G\*\*\* - \*\*\*protein\*\*\* \*\*\*coupled\*\*\* \*\*\*receptor\*\*\* ,  
HLTEX 11  
IN Chan, Winnie, West Chester, PA, United States  
Bergsma, Derk J., Berwyn, PA, United States  
Ellis, Catherine E., Glassboro, NJ, United States  
PA SmithKline Beecham Corporation, Philadelphia, PA, United States (U.S.  
corporation)  
PI US 5834587 19981110 <--  
AI US 1996-726575 19961008 (8)  
DT Utility  
FS Granted  
LN.CNT 2406  
INCL INCLM: 530/324.000  
INCLS: 530/325.000; 530/326.000; 530/350.000; 514/002.000  
NCL NCLM: 530/324.000  
NCLS: 530/325.000; 530/326.000; 530/350.000  
IC [6]  
ICM: C07K014-705  
EXF 530/350; 530/300; 530/324-326; 514/2  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 37 OF 58 USPATFULL on STN  
AN 1998:128096 USPATFULL  
TI Human 7-transmembrane receptor and DNA  
IN Elshourbagy, Nabil A., SmithKline Beecham Corporation, Corporate  
Intellectual Property - UW2220, P.O. Box 1539, King of Prussia, PA,  
United States 19406-0939  
Bergsma, Derk J., SmithKline Beecham Corporation, Corporate Intellectual  
Property - UW2220, P.O. Box 1539, King of Prussia, PA, United States  
19406-0939  
Ellis, Catherine E., SmithKline Beecham Corporation, Corporate  
Intellectual Property - UW2220, P.O. Box 1539, King of Prussia, PA,

United States 19406-0939  
 I US 5824504 19981020 <--  
 I US 1996-742011 19961031 (8)  
 RAI US 1996-26669P 19960925 (60)  
 T Utility  
 S Granted  
 N.CNT 2491  
 NCL INCLM: 435/069.100  
 INCLS: 435/325.000; 435/320.100; 536/023.500; 530/350.000  
 CL NCLM: 435/069.100  
 NCLS: 435/320.100; 435/325.000; 530/350.000; 536/023.500  
 C [6]  
 ICM: C12N015-12  
 ICS: C12N015-85; C12N015-63; C07K014-705  
 XF 530/350; 435/69.1; 435/69.3; 435/240.2; 435/272; 435/325; 435/320.1;  
 536/23.5; 935/3; 935/11  
 AS INDEXING IS AVAILABLE FOR THIS PATENT.

7 ANSWER 38 OF 58 USPATFULL on STN  
 N 1998:111777 USPATFULL  
 I Methods for identifying compounds that modulate metabotropic glutamate  
 receptor activity  
 N Daggett, Lorrie, San Diego, CA, United States  
 Ellis, Steven B., San Diego, CA, United States  
 Liaw, Chen, San Diego, CA, United States  
 Pontsler, Aaron, West Jordan, UT, United States  
 Johnson, Edwin C., San Diego, CA, United States  
 Hess, Stephen D., San Diego, CA, United States  
 A Sibia Neurosciences, Inc., La Jolla, CA, United States (U.S.  
 corporation)  
 I US 5807689 19980915 <--  
 I US 1995-486270 19950606 (8)  
 LI Division of Ser. No. US 1995-367264, filed on 9 Jan 1995 which is a  
 continuation-in-part of Ser. No. US 1993-72574, filed on 4 Jun 1993, now  
 patented, Pat. No. US 5521297  
 T Utility  
 S Granted  
 N.CNT 3326  
 NCL INCLM: 435/078.000  
 INCLS: 435/007.100; 435/007.200; 435/007.210; 435/069.100; 435/172.300;  
 435/325.000  
 CL NCLM: 435/007.800  
 NCLS: 435/007.100; 435/007.200; 435/007.210; 435/069.100; 435/325.000  
 C [6]  
 ICM: G01N033-53  
 ICS: C12P021-02; C12N015-63; C12N015-09  
 XF 435/7.1; 435/7.2; 435/7.21; 435/6; 435/7.8; 435/69.1; 435/172.3;  
 435/325; 435/7.93; 935/77; 935/78  
 AS INDEXING IS AVAILABLE FOR THIS PATENT.

7 ANSWER 39 OF 58 USPATFULL on STN  
 N 1998:88651 USPATFULL  
 I DNA encoding human 5-HT.sub.1D receptors and uses thereof  
 N Weinshank, Richard L., New York, NY, United States  
 Branchek, Theresa, Teaneck, NJ, United States  
 Hartig, Paul R., Mahwah, NJ, United States  
 PA Synaptic Pharmaceutical Corporation, Paramus, NJ, United States (U.S.  
 corporation)  
 I US 5786157 19980728 <--  
 I US 1994-236686 19940502 (8)  
 LI Continuation of Ser. No. US 1992-945116, filed on 15 Sep 1992, now  
 abandoned which is a division of Ser. No. US 1990-520716, filed on 8 May  
 1990, now patented, Pat. No. US 5155218, issued on 13 Oct 1992  
 T Utility  
 S Granted  
 N.CNT 1687  
 NCL INCLM: 435/007.210  
 INCLS: 435/069.100; 435/325.000  
 CL NCLM: 435/007.210  
 NCLS: 435/069.100; 435/325.000  
 C [6]  
 ICM: G01N033-566  
 XF 435/7.1; 435/7.2; 435/7.21; 435/69.1; 435/240.2; 435/320.1; 514/2;  
 514/12  
 AS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 40 OF 58 USPATFULL on STN  
 AN 1998:88649 USPATFULL  
 TI Methods for identifying a compound that binds to a human 5-HT 1E  
 receptor  
 IN Weinshank, Richard L., New York, NY, United States  
 Branchek, Theresa, Teaneck, NJ, United States  
 Hartig, Paul R., Mahwah, NJ, United States  
 PA Synaptic Pharmaceutical Corporation, Paramus, NJ, United States (U.S.  
 corporation)  
 PI US 5786155 19980728 <--  
 AI US 1995-542358 19951012 (8)  
 RLI Division of Ser. No. US 1995-370542, filed on 9 Jan 1995, now patented,  
 Pat. No. US 5476782, issued on 19 Dec 1995 which is a continuation of  
 Ser. No. US 1994-194113, filed on 8 Feb 1994, now abandoned which is a  
 continuation of Ser. No. US 1991-803626, filed on 2 Dec 1991, now  
 abandoned  
 DT Utility  
 FS Granted  
 LN.CNT 2166  
 INCL INCLM: 435/007.200  
 INCLS: 435/007.100; 435/007.210; 436/501.000  
 NCL NCLM: 435/007.200  
 NCLS: 435/007.100; 435/007.210; 436/501.000  
 IC [6]  
 ICM: G01N033-53  
 ICS: G01N033-567; G01N033-566  
 EXF 435/69.1; 435/7.1; 435/7.2; 435/240.1; 435/240.2; 435/320.1; 435/7.21;  
 435/325; 435/6; 435/172.1; 435/354; 435/363; 435/356; 536/23.5; 530/350;  
 514/12; 514/21; 436/501  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 41 OF 58 USPATFULL on STN  
 AN 1998:79171 USPATFULL  
 TI Naphthimidazolyl neuropeptide Y receptor antagonists  
 IN Nunes, Anne Marie, Andover, MA, United States  
 Zarrinmayeh, Hamideh, Carmel, IN, United States  
 PA Eli Lilly and Company, Indianapolis, IN, United States (U.S.  
 corporation)  
 PI US 5776931 19980707 <--  
 AI US 1997-775533 19970109 (8)  
 DT Utility  
 FS Granted  
 LN.CNT 1892  
 INCL INCLM: 514/232.800  
 INCLS: 514/322.000; 514/393.000; 514/394.000; 514/395.000; 544/139.000;  
 546/199.000; 548/302.100  
 NCL NCLM: 514/232.800  
 NCLS: 514/322.000; 514/393.000; 514/394.000; 514/395.000; 544/139.000;  
 546/199.000; 548/302.100  
 IC [6]  
 ICM: A61K031-535  
 ICS: A61K031-445; A61K031-415; C09D413-00; C09D421-00; C09D235-02  
 EXF 514/322; 514/232.8; 514/393; 514/394; 514/395; 548/302.1; 544/139;  
 546/199  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 42 OF 58 USPATFULL on STN  
 AN 1998:78976 USPATFULL  
 TI Human G-protein receptor HGBER32  
 IN Soppet, Daniel R., Centreville, VA, United States  
 Li, Yi, Gaithersburg, MD, United States  
 Rosen, Craig A., Laytonsville, MD, United States  
 Ruben, Steven M., Olney, MD, United States  
 PA Human Genome Sciences, Inc., Rockville, MD, United States (U.S.  
 corporation)  
 PI US 5776729 19980707 <--  
 AI US 1995-461244 19950605 (8)  
 DT Utility  
 FS Granted  
 LN.CNT 1537  
 INCL INCLM: 435/069.100  
 INCLS: 435/272.300; 435/320.100; 435/325.000; 536/023.500  
 NCL NCLM: 435/069.100  
 NCLS: 435/091.410; 435/320.100; 435/325.000; 536/023.500  
 IC [6]  
 ICM: C12N015-00

ICS: C12N015-63; C12N015-85; C07H021-04  
EXF 536/23.5; 435/272.3; 435/320.1; 435/240.2; 435/69.1; 435/6; 435/325  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 43 OF 58 USPATFULL on STN  
AN 1998:75569 USPATFULL  
TI A3 adenosine receptor agonists  
IN Jacobson, Kenneth A., Silver Spring, MD, United States  
Gallo-Rodriguez, Carola, Buenos Aires, Argentina  
van Galen, Philip J. M., Oss, Netherlands  
von Lubitz, Dag K. J. E., Alexandria, VA, United States  
Jeong, Heaok Kim, Rockville, MD, United States  
PA The United States of America as represented by the Department of Health  
and Human Services, Washington, DC, United States (U.S. government)  
PI US 5773423 19980630 <--  
AI US 1994-274628 19940713 (8)  
RLI Continuation-in-part of Ser. No. US 1993-163324, filed on 6 Dec 1993,  
now abandoned which is a continuation-in-part of Ser. No. US 1993-91109,  
filed on 13 Jul 1993, now abandoned  
DT Utility  
FS Granted  
LN.CNT 4850  
INCL INCLM: 514/045.000  
INCLS: 514/046.000; 536/027.220; 536/027.600; 536/027.630  
NCL NCLM: 514/045.000  
NCLS: 514/046.000; 536/027.220; 536/027.600; 536/027.630  
IC [6]  
ICM: A61K031-70  
EXF 536/27.22; 536/27.6; 536/27.63; 514/45; 514/46  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 44 OF 58 USPATFULL on STN  
AN 1998:65348 USPATFULL  
TI Calcium receptor-active molecules  
IN Brown, Edward M., Milton, MA, United States  
Hebert, Steven C., Wellesley, MA, United States  
Garrett, Jr., James E., Salt Lake City, UT, United States  
PA The Brigham and Women's Hospital, Inc, Boston, MA, United States (U.S.  
corporation)  
NPS Pharmaceuticals, Inc., Salt Lake City, UT, United States (U.S.  
corporation)  
PI US 5763569 19980609 <--  
AI US 1995-484565 19950607 (8)  
RLI Continuation-in-part of Ser. No. US 1994-353784, filed on 8 Dec 1994  
which is a continuation-in-part of Ser. No. US 1994-292827, filed on 19  
Aug 1994, now abandoned Ser. No. US 1993-141248, filed on 22  
Oct 1993, now abandoned And Ser. No. US 1993-9389, filed on 23 Feb 1993,  
now abandoned, said Ser. No. US -292827 which is a  
continuation-in-part of Ser. No. US -141248 which is a  
continuation-in-part of Ser. No. US -9389 And a continuation-in-part  
of Ser. No. US 1993-17127, filed on 12 Feb 1993, now abandoned which is  
a continuation-in-part of Ser. No. US 1992-934161, filed on 21 Aug 1992,  
now abandoned which is a continuation-in-part of Ser. No. US  
1992-834044, filed on 11 Feb 1992, now abandoned which is a  
continuation-in-part of Ser. No. US 1991-749451, filed on 23 Aug 1991,  
now abandoned  
DT Utility  
FS Granted  
LN.CNT 6942  
INCL INCLM: 530/324.000  
INCLS: 530/300.000; 530/376.000; 530/327.000; 530/329.000; 530/350.000;  
536/023.100; 536/023.500; 435/007.100; 435/069.100; 435/252.300;  
435/320.100  
NCL NCLM: 530/324.000  
NCLS: 435/007.100; 435/069.100; 435/252.300; 435/320.100; 530/300.000;  
530/325.000; 530/326.000; 530/327.000; 530/350.000; 536/023.100;  
536/023.500  
IC [6]  
ICM: C07K014-705  
EXF 530/300; 530/350; 530/324; 530/326; 530/327; 530/329; 536/23.1;  
536/23.5; 435/7.1; 435/69.1; 435/252.3; 435/240.1; 435/320.1  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 45 OF 58 USPATFULL on STN  
AN 1998:57734 USPATFULL  
TI Nucleic acid encoding a human G-protein receptor HPRAJ70 and method of

producing the receptor  
IN Soppet, Daniel R., Centreville, VA, United States  
Li, Yi, Gaithersburg, MD, United States  
Rosen, Craig A., Laytonsville, MD, United States  
Ruben, Steven M., Olney, MD, United States  
PA Human Genome Sciences, Inc., Rockville, MD, United States (U.S.  
corporation)  
PI US 5756309 19980526 <--  
AI US 1995-465980 19950606 (8)  
DT Utility  
FS Granted  
LN.CNT 1496  
INCL INCLM: 435/069.100  
INCLS: 536/023.500; 536/023.100; 530/350.000; 435/320.100; 435/252.300;  
435/325.000  
NCL NCLM: 435/069.100  
NCLS: 435/252.300; 435/320.100; 435/325.000; 530/350.000; 536/023.100;  
536/023.500  
IC [6]  
ICM: C12N015-12  
ICS: C07H021-00  
EXF 530/350; 435/320.1; 435/240.2; 435/325; 435/69.1; 435/172.1; 435/252.3;  
536/23.1; 536/23.5  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 46 OF 58 USPATFULL on STN  
AN 1998:51453 USPATFULL  
TI Nucleic acid encoding human endothlein-bombesin receptor and method of  
producing the receptor  
IN Li, Yi, Gaithersburg, MD, United States  
Rosen, Craig A., Laytonsville, MD, United States  
Kumar, Chandrika, West Windsor, NJ, United States  
PA Human Genome Sciences, Inc., Rockville, MD, United States (U.S.  
corporation)  
PI US 5750370 19980512 <--  
AI US 1995-465687 19950606 (8)  
DT Utility  
FS Granted  
LN.CNT 1626  
INCL INCLM: 435/069.100  
INCLS: 536/023.500; 536/023.100; 530/350.000; 435/069.100; 435/335.000;  
435/252.300; 435/320.100; 435/006.000; 535/052.000; 436/501.000  
NCL NCLM: 435/069.100  
NCLS: 435/006.000; 435/252.300; 435/320.100; 435/335.000; 436/501.000;  
530/350.000; 536/023.100; 536/023.500  
IC [6]  
ICM: C12N015-12  
ICS: C07H021-00  
EXF 536/23.5; 536/93.1; 435/320.1; 435/335; 435/252.3; 435/69.1; 435/6;  
935/52; 935/70; 935/72; 530/350; 436/501  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 47 OF 58 USPATFULL on STN  
AN 97:118013 USPATFULL  
TI Native calcitonin mimetics  
IN McKernan, Patricia A., Woodinville, WA, United States  
Chen, Lennie, Renton, WA, United States  
Petrie, Charles, Woodinville, WA, United States  
Piggott, James, Bothell, WA, United States  
West, Robert R., Seattle, WA, United States  
Gasper, Shirley, Carnation, WA, United States  
Lellis, Colin, Lansdale, PA, United States  
PA ZymoGenetics, Inc., Seattle, WA, United States (U.S. corporation)  
PI US 5698521 19971216 <--  
AI US 1995-416602 19950404 (8)  
DT Utility  
FS Granted  
LN.CNT 1385  
INCL INCLM: 514/013.000  
INCLS: 530/307.000; 530/326.000  
NCL NCLM: 514/013.000  
NCLS: 530/307.000; 530/326.000  
IC [6]  
ICM: A61K038-00  
ICS: C07K005-00; C07K007-00  
EXF 514/13; 530/307; 530/326

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 48 OF 58 USPATFULL on STN  
AN 97:112582 USPATFULL  
TI Amiloride-sensitive sodium channel and method of identifying substances  
IN which stimulate or block salty taste perception  
Li, Xiao-Jiang, Baltimore, MD, United States  
Blackshaw, Seth, Baltimore, MD, United States  
Snyder, Solomon H., Baltimore, MD, United States  
PA The Johns Hopkins University, Baltimore, MD, United States (U.S.  
corporation)  
PI US 5693756 19971202 <--  
AI US 1995-376362 19950123 (8)  
RLI Continuation-in-part of Ser. No. US 1994-202654, filed on 28 Feb 1994,  
now abandoned  
DT Utility  
FS Granted  
LN.CNT 1118  
INCL INCLM: 530/350.000  
INCLS: 436/501.000  
NCL NCLM: 530/350.000  
NCLS: 436/501.000; 530/324.000; 530/327.000  
IC [6]  
ICM: C07K014-47  
EXF 530/350  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 49 OF 58 USPATFULL on STN  
AN 97:107219 USPATFULL  
TI Calcium receptor-active molecules  
IN Brown, Edward M., Milton, MA, United States  
Fuller, Forrest H., Salt Lake City, UT, United States  
Hebert, Steven C., Wellesley, MA, United States  
Garrett, Jr., James E., Salt Lake City, UT, United States  
PA The Brigham & Women's Hospital, Inc., Boston, MA, United States (U.S.  
corporation)  
NPS Pharmaceuticals, Inc., Salt Lake City, UT, United States (U.S.  
corporation)  
PI US 5688938 19971118 <--  
AI US 1995-485588 19950607 (8)  
RLI Continuation-in-part of Ser. No. US 1994-353784, filed on 8 Dec 1994  
which is a continuation-in-part of Ser. No. US 1993-9389, filed on 23  
Feb 1993, now abandoned Ser. No. US 1993-141248, filed on 22  
Oct 1993, now abandoned And Ser. No. US 1994-292827, filed on 19 Aug  
1994, now abandoned which is a continuation-in-part of Ser. No. US  
-141248 which is a continuation-in-part of Ser. No. US -9389 which is  
a continuation-in-part of Ser. No. US 1993-17127, filed on 12 Feb 1993,  
now abandoned which is a continuation-in-part of Ser. No. US  
1992-934161, filed on 21 Aug 1992, now abandoned which is a  
continuation-in-part of Ser. No. US 1992-834044, filed on 11 Feb 1992,  
now abandoned which is a continuation-in-part of Ser. No. US  
1991-749451, filed on 23 Aug 1991, now abandoned  
DT Utility  
FS Granted  
LN.CNT 6522  
NCL INCLM: 536/023.500  
INCLS: 435/069.100; 435/007.100; 435/290.100; 435/252.300; 435/320.100;  
530/300.000; 530/350.000; 530/324.000; 530/326.000; 536/023.100;  
536/024.310  
CL NCLM: 536/023.500  
NCLS: 435/007.100; 435/069.100; 435/252.300; 435/320.100; 530/300.000;  
530/324.000; 530/326.000; 530/350.000; 536/023.100; 536/024.310  
C [6]  
ICM: C07K004-705  
ICS: C12N015-12  
XF 435/7.1; 435/69.1; 435/240.1; 435/252.3; 435/320.1; 535/23.5; 535/23.1;  
530/300; 530/350; 530/324; 530/326; 530/327; 530/329  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

7 ANSWER 50 OF 58 USPATFULL on STN  
N 97:78461 USPATFULL  
I Heterocyclic neuropeptide Y receptor antagonists  
N Bruns, Jr., Robert F., Carmel, IN, United States  
Gehlert, Donald R., Indianapolis, IN, United States  
Howbert, J. Jeffry, Bellevue, WA, United States  
Lunn, William H. W., Indianapolis, IN, United States



PA Eli Lilly and Company, Indianapolis, IN, United States (U.S.  
 corporation)  
 PI US 5663192 19970902 <--  
 AI US 1994-326413 19941020 (8)  
 DT Utility  
 FS Granted  
 LN.CNT 1527  
 INCL INCLM: 514/420.000  
 INCLS: 514/418.000; 514/448.000; 514/470.000  
 NCL NCLM: 514/420.000  
 NCLS: 514/418.000; 514/448.000; 514/470.000  
 IC [6]  
 ICM: A61K031-40  
 ICS: A61K031-38; A61K031-34  
 EXF 514/419; 514/420; 514/448; 514/470  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

7 ANSWER 51 OF 58 USPATFULL on STN  
 AN 97:66005 USPATFULL  
 TI DNA encoding a human 5-HT .sub.1F receptor and uses thereof  
 IN Weinshank, Richard L., New York, NY, United States  
 Brancheck, Theresa, Teaneck, NJ, United States  
 Hartig, Paul R., Mahwah, NJ, United States  
 PA Synaptic Pharmaceutical Corporation, Paramus, NJ, United States (U.S.  
 corporation)  
 PI US 5652113 19970729 <--  
 AI US 1994-216594 19940322 (8)  
 RLI Division of Ser. No. US 1992-817920, filed on 8 Jan 1992, now patented,  
 Pat. No. US 5360735, issued on 1 Nov 1994  
 DT Utility  
 FS Granted  
 LN.CNT 1936  
 INCL INCLM: 435/007.200  
 INCLS: 435/069.100  
 NCL NCLM: 435/007.200  
 NCLS: 435/069.100  
 IC [6]  
 ICM: G01N033-53  
 EXF 435/7.1; 435/7.2; 435/7.21; 435/69.1; 435/240.1; 435/240.2; 435/320.1  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

7 ANSWER 52 OF 58 USPATFULL on STN  
 AN 97:51902 USPATFULL  
 TI DNA encoding a human 5-HT.sub.1F receptor and uses thereof  
 IN Weinshank, Richard L., New York, NY, United States  
 Brancheck, Theresa, Teaneck, NJ, United States  
 Hartig, Paul R., Princeton, NJ, United States  
 A Synaptic Pharmaceutical Corporation, Paramus, NJ, United States (U.S.  
 corporation)  
 I US 5639652 19970617 <--  
 WO 9314201 19930722 <--  
 I US 1994-117006 19940822 (8)  
 WO 1993-US149 19930108  
 19940822 PCT 371 date  
 19940822 PCT 102(e) date  
 LI Continuation-in-part of Ser. No. US 1992-817920, filed on 8 Jan 1992,  
 now patented, Pat. No. US 5360735, issued on 1 Nov 1994  
 T Utility  
 S Granted  
 LN.CNT 2285  
 INCL INCLM: 435/240.200  
 INCLS: 435/320.100; 935/009.000; 935/070.000; 536/023.500; 536/024.310  
 CL NCLM: 435/356.000  
 NCLS: 435/320.100; 435/357.000; 435/361.000; 435/367.000; 536/023.500;  
 536/024.310  
 C [6]  
 ICM: C07H021-04  
 ICS: C12N005-10  
 EXF 435/69.1; 435/240.2; 435/252.3; 435/255.1; 435/320.1; 935/9; 935/70;  
 536/23.5; 536/24.31  
 AS INDEXING IS AVAILABLE FOR THIS PATENT.

7 ANSWER 53 OF 58 USPATFULL on STN  
 AN 96:120976 USPATFULL  
 TI Methods and compositions for modulating G protein action  
 N Higashijima, Tsutomu, Dallas, TX, United States

PA Ross, Elliott M., Dallas, TX, United States  
Board of Regents, The University of Texas, Austin, TX, United States  
(U.S. corporation)  
PI US 5589568 19961231 <--  
AI US 1994-232453 19940422 (8)  
RLI Continuation of Ser. No. US 1991-748319, filed on 21 Aug 1991, now  
abandoned  
DT Utility  
FS Granted  
LN.CNT 2222  
INCL INCLM: 530/324.000  
INCLS: 530/325.000; 530/326.000; 530/327.000  
NCL NCLM: 530/324.000  
NCLS: 530/325.000; 530/326.000; 530/327.000  
IC [6]  
ICM: A61K037-02  
ICS: C07K014-00; C07K007-08  
EXF 530/324-327; 514/12-14  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 54 OF 58 USPATFULL on STN  
AN 96:46152 USPATFULL  
TI Nucleic acids encoding human metabotropic glutamate receptors  
IN Daggett, Lorrie, San Diego, CA, United States  
Ellis, Steven B., San Diego, CA, United States  
Liaw, Chen, San Diego, CA, United States  
Pontsler, Aaron, Santee, CA, United States  
PA Salk Institute Biotechnology/Industrial Associates, La Jolla, CA, United  
States (U.S. corporation)  
PI US 5521297 19960528 <--  
AI US 1993-72574 19930604 (8)  
DT Utility  
FS Granted  
LN.CNT 2502  
INCL INCLM: 536/023.500  
INCLS: 435/240.100; 435/320.100  
NCL NCLM: 536/023.500  
NCLS: 435/320.100; 435/325.000; 435/369.000  
IC [6]  
ICM: C07H021-02  
ICS: C12N005-10; C12N015-79; C12N015-85  
EXF 536/23.1; 536/23.5; 435/240.2; 435/320.1  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 55 OF 58 USPATFULL on STN  
AN 95:112467 USPATFULL  
TI DNA encoding a human 5-HT.sub.1E receptor and uses thereof  
IN Weinshank, Richard L., New York, NY, United States  
Branchek, Theresa, Teaneck, NJ, United States  
Hartig, Paul R., Mahwah, NJ, United States  
PA Synaptic Pharmaceutical Corporation, Paramus, NJ, United States (U.S.  
corporation)  
PI US 5476782 19951219 <--  
AI US 1995-370542 19950109 (8)  
RLI Continuation of Ser. No. US 1994-194113, filed on 8 Feb 1994, now  
abandoned which is a continuation of Ser. No. US 1991-803626, filed on 2  
Dec 1991, now abandoned  
DT Utility  
FS Granted  
LN.CNT 2051  
INCL INCLM: 435/240.200  
INCLS: 536/023.500; 435/172.100; 530/350.000; 935/009.000  
NCL NCLM: 435/356.000  
NCLS: 435/320.100; 530/350.000; 536/023.500  
IC [6]  
ICM: C07H021-04  
ICS: C12N005-10; C12N015-12  
EXF 435/172.1; 435/240.2; 435/69.1; 435/70.3; 435/71.1; 435/71.2; 435/320.1;  
435/252.3; 435/254.11; 514/12; 514/21; 536/23.5; 530/350  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 56 OF 58 USPATFULL on STN  
AN 95:71502 USPATFULL  
TI Compositions useful as a cannabinoid receptor probe  
IN Makriyannis, Alexandros, Ashford, CT, United States  
Yan, Guo, Storrs, CT, United States

Abadji, Vasiliki, Willington, CT, United states  
PA University of Connecticut, Storrs, CT, United States (U.S. corporation)  
PI US 5440052 19950808 <--  
AI US 1993-103883 19930806 (8)  
DT Utility  
FS Granted  
LN.CNT 544  
INCL INCLM: 549/390.000  
NCL NCLM: 549/390.000  
IC [6]  
ICM: C07D311-80  
EXF 549/390  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 57 OF 58 USPATFULL on STN  
AN 94:95349 USPATFULL  
TI DNA encoding a human 5-HT.sub.1F receptor, vectors, and host cells  
IN Weinshank, Richard L., New York, NY, United States  
Branchek, Theresa, Teaneck, NJ, United States  
Hartig, Paul R., Mahwah, NJ, United States  
PA Synaptic Pharmaceutical Corporation, Paramus, NJ, United States (U.S. corporation)  
PI US 5360735 19941101 <--  
AI US 1992-817920 19920108 (7)  
DT Utility  
FS Granted  
LN.CNT 1794  
INCL INCLM: 435/240.200  
INCLS: 435/172.100; 435/252.300; 435/254.110; 435/320.100; 536/023.500  
NCL NCLM: 435/356.000  
NCLS: 435/252.300; 435/254.110; 435/320.100; 536/023.500  
IC [5]  
ICM: C12N005-00  
ICS: C12N015-00; C12N001-20; C12N001-16  
EXF 536/27; 536/23.5; 435/240.2; 435/252.3; 435/172.1; 435/6; 435/320.1; 435/69.1  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 58 OF 58 USPATFULL on STN  
AN 92:84975 USPATFULL  
TI DNA encoding human 5-HT.sub.1D receptors  
IN Weinshank, Richard L., New York, NY, United States  
Branchek, Theresa, Teaneck, NJ, United States  
Hartig, Paul R., Mahwah, NJ, United States  
PA Neurogenetic Corporation, Paramus, NJ, United States (U.S. corporation)  
PI US 5155218 19921013 <--  
AI US 1990-520716 19900508 (7)  
DT Utility  
FS Granted  
LN.CNT 1513  
INCL INCLM: 536/027.000  
INCLS: 435/006.000; 435/029.000; 435/034.000; 435/069.100; 435/070.300;  
435/071.200; 435/091.000; 435/172.300; 435/240.200; 435/320.100;  
435/820.000; 436/501.000; 436/503.000; 436/086.000; 436/811.000;  
935/009.000; 935/018.000; 935/029.000; 935/034.000; 935/070.000;  
935/072.000; 935/078.000  
NCL NCLM: 536/023.500  
NCLS: 435/006.000; 435/029.000; 435/034.000; 435/069.100; 435/070.300;  
435/071.200; 435/091.410; 435/320.100; 435/356.000; 435/820.000;  
436/086.000; 436/501.000; 436/503.000; 436/811.000  
IC [5]  
ICM: C07H021-04  
ICS: C12Q001-68  
EXF 435/6; 435/29; 435/34; 435/69.1; 435/70.3; 435/71.2; 435/91; 435/172.3;  
435/240.2; 435/320; 435/820; 436/501; 436/503; 436/86; 436/811; 536/27;  
935/4; 935/9; 935/18; 935/19; 935/29; 935/34; 935/36; 935/41; 935/70;  
935/72; 935/77; 935/78; 935/88

CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
STN INTERNATIONAL LOGOFF AT 15:39:37 ON 24 JUN 2004